| I IERINI ARIIR IRINI ARRII IERIN IEREN IEREN ININ ARIN IERI |                 |                   |  |                          |          |         |          |                 |                |           | 09/777,830    |              |           |         |    |          |            |                 |              |         | ELLIOTT, VINCENT F. |              |                 |         |         |  |  |  |
|---|-----------------|-------------------|--|--------------------------|----------|---------|----------|-----------------|----------------|-----------|---------------|--------------|-----------|---------|----|----------|------------|-----------------|--------------|---------|---------------------|--------------|-----------------|---------|---------|--|--|--|
|   |                 |                   |  |                          |          |         |          |                 |                | Examiner  |               |              |           |         |    |          |            |                 | Art Unit     |         |                     |              |                 |         |         |  |  |  |
|   |                 |                   |  |                          |          |         |          |                 |                |           | Richard Fults |              |           |         |    |          |            |                 | 3628         |         |                     |              |                 |         |         |  |  |  |
|   |                 |                   | 1  |                          |          |         |          |                 |                |           |               |              |           |         |    |          |            |                 |              |         |                     |              |                 |         |         |  |  |  |
| 1   | Rejected        |                   |  | (Through numer Cancelled |          |         |          |                 | era            | al)       |               |              | Non-Elec  |         |    | ted      |            | A               | Appeal       |         |                     |              |                 |         |         |  |  |  |
| =   | Allowed         |                   |  | ÷ Restricted             |          |         | l        |                 |                | Ī         |               | Interference |           |         |    | o        | Objected   |                 |              |         |                     |              |                 |         |         |  |  |  |
| 2   | Claim P Date    |                   |  | Claim                    |          |         |          |                 |                | Date      |               |              |           | 1       |    | ·        |            | Date            |              |         |                     |              |                 | 7       |         |  |  |  |
|   |                 |                   |  |                          | -{       | Claim _ |          |                 | <del>- T</del> |           |               |              |           |         |    | Claim    |            | $\vdash$        |              |         |                     | Date         |                 |         | -       |  |  |  |
| Final Original  | /               |                   |  |                          |          | Final   | Original |                 |                |           |               |              |           |         |    | Final    | Original   |                 |              |         |                     |              |                 |         |         |  |  |  |
| 1 1   | H               |                   |  | H                        | -        |         | 51       | $\dashv$        | $\dashv$       | $\dagger$ | +             |              | +         | +       | -  |          | 101        |                 | $\dashv$     | +       | +                   | $\vdash$     | $\vdash$        | +       | -       |  |  |  |
| 2   |                 |                   |  |                          |          |         | 52       |                 | 4              |           |               | _            | _         | 4-1-    | ]  |          | 102        | $\Box$          | $\perp$      | $\perp$ | $\bot$              |              |                 |         | ]       |  |  |  |
| 3 1   |                 |                   | $\vdash$   | $\vdash$                 | $\dashv$ |         | 53<br>54 | $\dashv$        | +              | +         | +-            | ╁            | ╫         |         | -  |          | 103<br>104 | $\vdash$        | +            | +       | +                   | ╁            | $\vdash$        | -       | -       |  |  |  |
| 5   |                 |                   |  |                          | <b>]</b> |         | 55       |                 |                | 1         |               | T            |           |         | 1  |          | 105        |                 | 1            | Ť       |                     | 丅            |                 | 土       | _       |  |  |  |
| 6   |                 |                   |  | Ш                        | _        |         | 56       | $\Box$          | _              |           |               | 1            | +         |         | -  |          | 106        |                 | _            | 4       | _                   | _            |                 |         | ]       |  |  |  |
| 8   | H               |                   | $\vdash$   | H                        | $\dashv$ |         | 57<br>58 | $\vdash$        | +              | +         | +             | ╁            | +         | ++      | -  |          | 107<br>108 | $\vdash$        |              | +       | +                   | ┼            |                 | +       | 4       |  |  |  |
| 9   |                 |                   |  |                          | <b>]</b> |         | 59       |                 | $\exists$      |           |               | T            |           |         | 1  |          | 109        |                 |              |         |                     |              |                 |         | _       |  |  |  |
| 10  | Ш               |                   |  |                          | ] !      |         | 60       |                 | 4              | $\perp$   |               | L            | I         |         | ]  |          | 110        | Ш               | _            |         | 1                   |              |                 |         | ]       |  |  |  |
| 11 12   | Н               |                   | <del>                                     </del> | $\vdash$                 | -{       |         | 61<br>62 | $\dashv$        | -+             | +         | +             | ╀            | +         | ++      | -  |          | 111<br>112 | $\vdash$        | +            | +       | +                   | $\vdash$     | $\vdash$        | +       | 4       |  |  |  |
| 13  | H               | <del>-  -  </del> | $\vdash$   | -                        | -        |         | 63       |                 | 十              | $\dashv$  | +             | ╁            | ╁         | +       | 1  | -        | 113        | $\vdash$        | Ť            | +       | +                   | 1            | $\vdash$        |         | ┪       |  |  |  |
| 14  |                 |                   |  |                          |          |         | 64       |                 |                |           |               | Г            |           |         | ]  |          | 114        |                 |              |         |                     |              | П               |         |         |  |  |  |
| 15  | Ш               | +                 | $\vdash$   | $\vdash$                 | 4        |         | 65<br>66 | $\Box$          | +              | +         | +             | ╀            | ╀         | $\perp$ | -  |          | 115<br>116 | $\vdash$        | -            | +       | _                   | -            | $\sqcup$        | +       | _       |  |  |  |
| 17  | H               | +                 | $\vdash$   | H                        | -        |         | 67       | $\dashv$        | +              | +         | +             | ╁            | ╁         | ++      | ┨  |          | 117        | $\vdash$        | -            | +       | ╁                   | $\vdash$     | H               | -       | -       |  |  |  |
| 18  |                 |                   |  |                          |          |         | 68       |                 |                | 工         |               | T            |           | 1       |    |          | 118        |                 |              |         |                     |              |                 |         | <u></u> |  |  |  |
| 19  | Ш               |                   |  |                          |          |         | 69       |                 | $\Box$         | $\Box$    | 4             | L            |           |         |    |          | 119        |                 |              | $\perp$ | $\perp$             | ļ            |                 |         | ]       |  |  |  |
| 20 🗸  | $\vdash$        | -                 |  | Н                        | -        |         | 70<br>71 | $\dashv$        | $\dashv$       | +         | +             | +            | ╁         |         | ┨  |          | 120<br>121 | $\vdash$        | +            | +       | +                   | $\vdash$     |                 | -       | -{      |  |  |  |
| 22  | $\Box$          |                   |  | $\Box$                   | -        |         | 72       | $\dashv$        | 十              | +         | +             | t            | $\dagger$ | +       | 1  |          | 122        | H               | _            | +       | +                   |              | $\vdash$        |         | 1       |  |  |  |
| 23  |                 |                   |  | П                        |          |         | 73       |                 | $\Box$         |           |               |              | Ţ         |         | ]  |          | 123        | П               |              |         |                     |              |                 |         | ]       |  |  |  |
| 24 25   | $\sqcup$        |                   | $\vdash$   | Н                        | 4        |         | 74<br>75 | $\dashv$        | 4              | +         | +             | +            | +         | ++      | -  |          | 124<br>125 | $\Box$          | -            | +       | 1                   | -            |                 | -       | 4       |  |  |  |
| 26  | $\vdash$        |                   |  | $\vdash$                 | $\dashv$ |         | 76       | $\vdash$        | $\dashv$       | +         | +             | ╁            | +         | ++      | ┨  |          | 126        | $\vdash$        | +            | +       | +                   | $\vdash$     | $\vdash$        |         | ╡       |  |  |  |
| 27  |                 |                   |  |                          |          |         | 77       |                 |                | 1         |               |              |           |         | 1  |          | 127        |                 |              |         |                     |              |                 |         |         |  |  |  |
| 28  | Ш               |                   |  |                          | 4        |         | 78       |                 | 4              | $\perp$   | -             | -            | $\perp$   | $\bot$  | -  |          | 128        | $\sqcup$        |              | - -     | 4_                  | <u> </u>     | $\sqcup$        | - -     | _       |  |  |  |
| 30  | $\vdash$        |                   | <del>                                     </del> | $\vdash$                 | $\dashv$ |         | 79<br>80 |                 | $\dashv$       | +         | -             | ╁            | +         |         | ┨  |          | 129<br>130 | $\vdash$        | +            | +       | +                   | ╁            | $\vdash$        | +       | 4       |  |  |  |
| 31  |                 |                   |  |                          |          |         | 81       |                 | $\top$         |           |               | T            | $\dagger$ | † † †   | 1  |          | 131        |                 |              | +       |                     |              |                 |         | †       |  |  |  |
| 32  |                 |                   |  |                          |          |         | 82       |                 | 4              | 1         |               | L            | $\perp$   |         |    |          | 132        |                 | Ţ            | $\perp$ | $oxed{\Box}$        |              | П               |         | ]       |  |  |  |
| 33  | $\vdash$        | _                 |  | $\vdash$                 | -        |         | 83<br>84 | $\dashv$        | $\dashv$       | -+-       | -             | ╀            | +         | +       | ┨  |          | 133<br>134 | ┞╌┤             | +            | +       | ╁                   | -            | $\vdash$        |         | 4       |  |  |  |
| 35  | Н               |                   |  | Н                        | $\dashv$ |         | 85       | $\dashv$        | $\dashv$       | +         |               | t            | $^{+}$    | ++-     | 1  |          | 135        | ╁┤              | Ť            | +       | +                   | T            | $\vdash$        |         | ┪       |  |  |  |
| 36  | П               |                   |  |                          |          |         | 86       |                 | 1              |           |               |              | Ţ         |         | ]  |          | 136        |                 |              |         |                     |              |                 |         | ]       |  |  |  |
| 37  | Ш               | $\perp$           |  | $\sqcup$                 | 4        |         | 87<br>88 | $\dashv$        | $\dashv$       | +         | _             | ╀            | _         |         | -  |          | 137<br>138 | $\sqcup$        | _            | $\bot$  | $\bot$              | -            | $\vdash \vdash$ | $\perp$ | 4       |  |  |  |
| 38  | $\vdash$        |                   |  | $\vdash$                 | $\dashv$ |         | 89       | $\dashv$        | $\dashv$       | +         | +             | ╁            | +         | +       | ┨  |          | 138        | $\vdash$        | +            | +       | +                   | $\vdash$     | $\vdash$        | +       | -       |  |  |  |
| 40  | $\Box$          | 11                |  |                          |          |         | 90       |                 | $\exists$      | $\top$    |               | t            | T         |         | 1  |          | 140        |                 |              | T       | T                   |              |                 |         | _       |  |  |  |
| 41  | П               | $\bot$ $\bot$     |  | П                        | _        |         | 91       | П               | $\bot$         | Ţ         | T             |              | F         | 1-1-    | 1  |          | 141        | П               | Ţ            | $\perp$ | $\perp$             | $\vdash$     | П               | $\bot$  | 4       |  |  |  |
| 42  | $\vdash \vdash$ |                   | $\vdash$   | $\vdash$                 | $\dashv$ |         | 92<br>93 | $\dashv$        | $\dashv$       | +         | +             | +            | +         | ++      | +  |          | 142<br>143 | $\vdash$        | +            | +       | +-                  | -            | $\vdash \vdash$ | +       | 4       |  |  |  |
| 44  | $\Box$          |                   | <del>   -</del>                                  |                          |          |         | 94       |                 | $\neg$         | 十         | +             | T            | op        | 1       | 1  |          | 144        |                 | $\top$       | $\perp$ | 1                   | 1            |                 | +       | 1       |  |  |  |
| 45  | П               |                   |  |                          |          |         | 95       |                 | $\Box$         | $\top$    | 工             |              | T         |         | ]  |          | 145        | П               | $\downarrow$ | $\perp$ |                     |              |                 |         | ]       |  |  |  |
| 46  | $\sqcup$        | +                 | ⊢  | $\vdash \vdash$          | -        |         | 96<br>97 | dash            | $\dashv$       | +         | +             | $\vdash$     | $\perp$   | ++      | -  | $\vdash$ | 146<br>147 | $\vdash \vdash$ | +            | +       | +                   | <del> </del> | $\vdash \vdash$ | +       | 4       |  |  |  |
| 48  | $\vdash \vdash$ |                   | $\vdash$   | $\vdash \vdash$          | $\dashv$ | -       | 98       | $\vdash \vdash$ | +              | +         | +             | ╁            | +         | ++      | ┨. |          | 147        | $\vdash \vdash$ | +            | +       | +                   | -            | $\vdash$        | +       | 4       |  |  |  |
| 49  |                 |                   |  |                          | <b>]</b> |         | 99       |                 |                |           |               | I            |           |         | 1  |          | 149        | Ц               | 土            | 上       |                     |              |                 |         | _       |  |  |  |
| 50  |                 |                   |  |                          |          |         | 100      |                 |                |           |               |              |           |         | ]  |          | 150        |                 |              | $\perp$ |                     |              |                 |         | ]       |  |  |  |

Application No.

Index of Claims

Applicant(s)